

=> D HIS

(FILE 'USPAT' ENTERED AT 08:47:31 ON 28 JAN 97)

L1 0 S (((TUMOUR? OR TUMOR?) (W)NECROSIS FACTOR) OR TNF) (4A) RECE

TPO

L2 124 S (((TUMOUR? OR TUMOR?) (W)NECROSIS FACTOR) OR TNF) (4A) RECE

PTO

L3 112 S L2 AND (CLON? OR CDNA OR DNA OR RNA OR mRNA OR RECOMB?)

E SMITH, C/IN

E SMITH, CRAIG

E SMITH, CRAIG/IN

L4 21 S E3-4

L5 4 S L4 AND L2

=

=> S (((tumour? or tumor?) (w)necrosis factor) or tnf) (4a) receptor?
1589 TUMOUR?
17335 TUMOR?
5108 NECROSIS
221386 FACTOR
1245 NECROSIS FACTOR
(NECROSIS (W) FACTOR)
1454 TNF
25497 RECEPTOR?
L2 124 (((TUMOUR? OR TUMOR?) (W) NECROSIS FACTOR) OR TNF) (4A) RECEPTO
R?
=> del 11
DELETE FAILED. LAST L-NUMBER NOT INCLUDED IN RANGE
=> S l1 and (clon? or cdna or dna or rna or mrna or recomb?)
14677 CLON?
5074 CDNA
17262 DNA
9324 RNA
4625 MRNA
27762 RECOMB?
L3 0 L1 AND (CLON? OR CDNA OR DNA OR RNA OR MRNA OR RECOMB?)
=> DEL L3
DELETE L3? (Y) /N:Y
'L3' DELETED
=> S L2 AND (CLON? OR CDNA OR DNA OR RNA OR MRNA OR RECOMB?)
14677 CLON?
5074 CDNA
17262 DNA
9324 RNA
4625 MRNA
27762 RECOMB?
L3 112 L2 AND (CLON? OR CDNA OR DNA OR RNA OR MRNA OR RECOMB?)
=> D 100-112

100. 5,136,021, Aug. 4, 1992, TNF-inhibitory protein and a method of production; Wlodzimierez E. Dembinski, et al., 530/350, 351, 369 [IMAGE AVAILABLE]

101. 5,135,917, Aug. 4, 1992, Interleukin receptor expression inhibiting antisense oligonucleotides; Ronald M. Burch, 514/44; 530/351; 536/23.5, 24.5 [IMAGE AVAILABLE]

102. 5,135,915, Aug. 4, 1992, Method for the treatment of grafts prior to transplantation using TGF-.beta.; Christine W. Czarniecki, et al., 514/21; 424/85.1; 435/240.1, 240.2, 240.25; 514/12; 530/399; 604/19, 48 [IMAGE AVAILABLE]

103. 5,132,109, Jul. 21, 1992, Method for inhibiting production of IGE and method for enhancing production of IGG using interleukin 9 and inhibitors thereof; Bernard Dugas, et al., 424/85.2, 85.1; 514/8; 530/351 [IMAGE AVAILABLE]
104. 5,087,617, Feb. 11, 1992, Methods and compositions for treatment of cancer using oligonucleotides; Larry J. Smith, 514/44 [IMAGE AVAILABLE]
105. 5,075,236, Dec. 24, 1991, Method of detecting Kawasaki disease using anti-tumor necrosis antibody; Kenji Yone, et al., 436/518; 435/7.1, 7.94; 436/536, 540, 811, 815 [IMAGE AVAILABLE]
106. 4,985,241, Jan. 15, 1991, Therapeutic combination of free-radical scavenger and tumor necrosis factor; Robert Zimmerman, et al., 424/85.1, 85.2; 514/2, 8, 885 [IMAGE AVAILABLE]
107. 4,963,354, Oct. 16, 1990, Use of tumor necrosis factor (TNF) as an adjuvant; H. Michael Shepard, et al., 424/85.1, 85.4; 514/2, 8, 12, 21, 885 [IMAGE AVAILABLE]
108. 4,935,363, Jun. 19, 1990, Sterol regulatory elements; Michael S. Brown, et al., 435/172.3, 41, 212, 226, 240.1; 536/23.2, 23.5, 23.51, 23.52; 935/6, 34 [IMAGE AVAILABLE]
109. 4,820,261, Apr. 11, 1989, Device for the removal of therapeutic substances locally applied for use against solid tumors; Hans-Joachim Schmoll, et al., 604/4, 5, 96, 915, 919 [IMAGE AVAILABLE]
110. 4,808,402, Feb. 28, 1989, Method and compositions for modulating neovascularization; Samuel J. Leibovich, et al., 424/78.06, 85.1, 423, 618; 514/2, 8, 21 [IMAGE AVAILABLE]
111. 4,770,995, Sep. 13, 1988, Detection of the sensitivity of cells to the effects of tumor necrosis factor and lymphotoxin; Berish Y. Rubin, et al., 435/7.23; 436/501, 544, 545, 546 [IMAGE AVAILABLE]
112. 4,650,674, Mar. 17, 1987, Synergistic cytotoxic composition; Bharat B. Aggarwal, et al., 424/85.5, 85.4; 435/69.5; 514/12; 930/143, 144 [IMAGE AVAILABLE]

> E SMITH, CRAIG

| E# | FILE | FREQUENCY | TERM |
|-----|-------|-----------|---------------------|
| E1 | USPAT | 4 | SMITEX/BI |
| E2 | USPAT | 20926 | SMITH/BI |
| E3 | USPAT | 0 | --> SMITH, CRAIG/BI |
| E4 | USPAT | 1 | SMITH1/BI |
| E5 | USPAT | 1 | SMITH92/BI |
| E6 | USPAT | 1 | SMITHARD/BI |
| E7 | USPAT | 2 | SMITHBERG/BI |
| E8 | USPAT | 3 | SMITHBURN/BI |
| E9 | USPAT | 3 | SMITHCO/BI |
| E10 | USPAT | 1 | SMITHDATE/BI |
| E11 | USPAT | 2 | SMITHDEAL/BI |
| E12 | USPAT | 1 | SMITHDOM/BI |

=> E SMITH, CRAIG/IN

| E# | FILE | FREQUENCY | TERM |
|-----|-------|-----------|----------------------------|
| E1 | USPAT | 1 | SMITH, COSSIE L JR/IN |
| E2 | USPAT | 4 | SMITH, COURTLAND N JR/IN |
| E3 | USPAT | 1 | --> SMITH, CRAIG/IN |
| E4 | USPAT | 20 | SMITH, CRAIG A/IN |
| E5 | USPAT | 1 | SMITH, CRAIG C/IN |
| E6 | USPAT | 1 | SMITH, CRAIG D/IN |
| E7 | USPAT | 2 | SMITH, CRAIG E/IN |
| E8 | USPAT | 9 | SMITH, CRAIG G/IN |
| E9 | USPAT | 1 | SMITH, CRAIG J/IN |
| E10 | USPAT | 9 | SMITH, CRAIG M/IN |
| E11 | USPAT | 2 | SMITH, CRAIG P/IN |
| E12 | USPAT | 1 | SMITH, CRAIG P DECEASED/IN |

=> S E3-4

1 "SMITH, CRAIG"/IN
20 "SMITH, CRAIG A"/IN
L4 21 ("SMITH, CRAIG"/IN OR "SMITH, CRAIG A"/IN)

=> S L4 AND L2

L5 4 L4 AND L2

=> D 1-4

1. 5,480,981, Jan. 2, 1996, CD30 ligand; Raymond G. Goodwin, et al., 536/23.5; 435/69.5, 69.7, 240.1, 252.3, 320.1; 530/351 [IMAGE AVAILABLE]

2. 5,464,938, Nov. 7, 1995, Isolated viral protein TNF antagonists; **Craig A. Smith**, et al., 530/350, 351, 395 [IMAGE AVAILABLE]

3. 5,395,760, Mar. 7, 1995, DNA encoding **tumor** **necrosis** **factor**-.alpha. and -.beta. **receptors**; **Craig A. Smith**, et al., 435/240.1; 424/85.1; 435/69.4, 172.3; 530/351, 388.23; 536/23.51 [IMAGE

AVAILABLE]

4. 5,359,039, Oct. 25, 1994, Isolated poxvirus A53R-equivalent tumor necrosis factor antagonists; **Craig A. Smith**, et al., 530/350; 424/186.1, 232.1; 530/826; 536/23.72; 930/220 [IMAGE AVAILABLE]

LOCUS RNINL1R2A 1380 bp RNA ROD 16-DEC-1994
 DEFINITION R.norvegicus interleukin-1 receptor type 2.
 ACCESSION Z22812
 NID g311407
 KEYWORDS interleukin-1 receptor type 2.
 SOURCE Norway rat.
 ORGANISM *Rattus norvegicus*
 Eukaryotae; mitochondrial eukaryotes; Metazoa/Eumycota group;
 Metazoa; Eumetazoa; Bilateria; Coelomata; Deuterostomia; Chordata;
 Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata;
 Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Glires; Rodentia;
 Sciurognathi; Myomorpha; Muridae; Murinae; *Rattus*.
 REFERENCE 1 (bases 1 to 1380)
 AUTHORS Bristulf,J., Gatti,S., Malinowsky,D., Bjork,L., Sundgren,A.K. and
 Bartfai,T.
 TITLE Interleukin-1 stimulates the expression of type I and type II
 interleukin-1 receptors in the rat insulinoma cell line RINm5F;
 sequencing a rat type II interleukin-1 receptor cDNA
 JOURNAL Eur. Cytokine Netw. 5 (3), 319-330 (1994) *QR 195.8 C95E97*
 MEDLINE 95035882
 REFERENCE 2 (bases 1 to 1380)
 AUTHORS Bristulf,J.
 TITLE Direct Submission
 JOURNAL Submitted (24-MAY-1993) to the EMBL/GenBank/DDBJ databases. Jesper
 Bristulf, Department of Neurochemistry and Neurotoxicology,
 Arrheniuslaboratories of Natural Sciences, Stockholm University,
 Stockholm, S-106 91, Sweden
 FEATURES Location/Qualifiers
 source 1..1380
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 LLVCPDLKEFISSRTDGKIQWYKGSILLDKGNKKFLSAGDPTRLLISNTSMGDAGYYR
 CVMTFTYEGKEYNITRNIELRVKGITTEPIPIPVIISPLETIPASLGSRLIVPCKVFLGT
 GTSSNTIVWWMANSTFISVAYPRGRVTEGLHHHQYSEN DENYVEVSLIFDPVTKE DLNT
 DFKCVATNPRSFQSLHTTVKEVSSTFSWGIALAPLSLIILVVGAIWIRRCKRQAGKT
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 BASE COUNT 363 a 344 c 339 g 334 t
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 Best Local Similarity 92.3%; Pred. No. 8.43e+00;
 Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Db 149 ctggggtttcagcttcaccactcca 174
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 Cp 409 CTGGGGTTCCAGCTTGCACCACTCCA 384

ALIGNMENTS

RESULT 1
LOCUS S66477 1441 bp mRNA VRT 17-DEC-1993
DEFINITION glial fibrillary acidic protein {clone 2} [Cyprinus carpio=carp, brain, mRNA Partial, 1441 nt].
ACCESSION S66477
NID g435738
KEYWORDS
SOURCE carp brain.
ORGANISM Cyprinus carpio
Unclassified.
REFERENCE 1 (bases 1 to 1441)
AUTHORS Cohen, I., Shani, Y. and Schwartz, M.
TITLE Cloning and characteristics of fish glial fibrillary acidic protein: implications for optic nerve regeneration
JOURNAL J. Comp. Neurol. 334 (3), 431-443 (1993) QL1.783
MEDLINE 93388923
REMARK GenBank staff at the National Library of Medicine created this entry [NCBI gibbsq 139069] from the original journal article.
This sequence comes from Fig. 1.
FEATURES Location/Qualifiers
source 1..1441
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/note="carp"
CDS 1..636
/partial
/note="Description: glial fibrillary acidic protein, GFAP;
Method: conceptual translation with partial peptide
sequencing. This sequence comes from Fig. 2. GFAP"
/codon_start=1
/product="glial fibrillary acidic protein"
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/translation="VDLDVSKPDLT TALKEIRAQFEAMATS NMQETEEWYRSKFADLT
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QNFTNLQFRDTS LDTKL TPEAHVKRSIVV RTVETRDGEIIKESTTERNDLP"
BASE COUNT 420 a 273 c 347 g 401 t
ORIGIN

Query Match 2.1%; Score 25; DB 37; Length 1441;
Best Local Similarity 77.8%; Pred. No. 1.02e-01;
Matches 35; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Db 438 gaagctgctcgaaggagagaaaggcagaatcactgttccggtgca 482
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Cp 886 GAAGCTGCTCGAAGGTGAGGTTAGCATGTCCAATGTGCCGCTGCA 842

RESULT 11

LOCUS MMTNFR2A 1388 bp RNA ROD 28-JUL-1995

DEFINITION M.musculus tumor necrosis factor receptor 2 mRNA.

ACCESSION X76401

NID g433830

KEYWORDS tumour necrosis factor receptor.

SOURCE house mouse.

ORGANISM Mus musculus

Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata; Vertebrata; Osteichthyes; Sarcopterygii; Mammalia; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 1388)

AUTHORS Powell,E.E.

TITLE Direct Submission

JOURNAL Submitted (26-NOV-1993) to the EMBL/GenBank/DDBJ databases. E.E. Powell, c/o John Todd, Level 6 Nuffield Dept of Surgery, The John Radcliffe Hospital, Oxford, UK

REFERENCE 2 (bases 1 to 1388)

AUTHORS Powell,E.E., Wicker,L.S., Peterson,L.B. and Todd,J.A.

TITLE Amino acid variation in the tumor Necrosis factor receptor 2 is linked to autoimmune diabetes in NOD mice

JOURNAL Unpublished

REFERENCE 3 (bases 1 to 1388)

AUTHORS Powell,E.E., Wicker,L.S., Peterson,L.B. and Todd,J.A.

TITLE Allelic variation of the type 2 tumor necrosis factor receptor gene

JOURNAL Mamm. Genome 5 (11), 726-727 (1994)

MEDLINE 95178848

FEATURES

source Location/Qualifiers

1..1388

/organism="Mus musculus"

/strain="NOD"

/chromosome="4 (distal region)"

CDS

<1..1380

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variation replace(260, "c")

/gene="murine tumour necrosis factor receptor 2"

/note="Ser to Thr"

variation replace(278, "t")

/gene="murine tumour necrosis factor receptor 2"

/note="Thr to Ile"

variation replace(489, "t")

/gene="murine tumour necrosis factor receptor 2"

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variation /note="silent"
replace(802, "a")
/gene="murine tumour necrosis factor receptor 2"
/note="Phe to Ile"
variation replace(921, "c")
/gene="murine tumour necrosis factor receptor 2"
/note="silent"
variation replace(975, "c")
/gene="murine tumour necrosis factor receptor 2"
/note="silent"
variation replace(1034, "t")
/gene="murine tumour necrosis factor receptor 2"
/note="Ser to Phe"
variation replace(1047, "t")
/gene="murine tumour necrosis factor receptor 2"
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variation replace(1143, "t")
/gene="murine tumour necrosis factor receptor 2"
/note="silent"
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variation replace(1317, "g")
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/note="silent"
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BASE COUNT 327 a 417 c 371 g 273 t
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   ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |
y  111 TCAGCTGTTGTGACAAATGTCCTCCTGGTACCTACCTAAAACAACTGTACAGAAA 170

b  168 ctcggacaccgtgtgc 185
   | | | ||||| ||| |
y  171 GTGGAAGACCGTGTGCGC 188

```

RESULT 12
LOCUS MUSMTNFR2 1505 bp mRNA ROD 18-APR-1991
DEFINITION Mouse tumor necrosis factor receptor 2 mRNA, complete cds.
ACCESSION M60469
NID g199827
KEYWORDS transmembrane protein; tumor necrosis factor receptor.
SOURCE Mouse adult macrophage, cDNA to mRNA.
ORGANISM Mus musculus
Eukaryota; Animalia; Chordata; Vertebrata; Mammalia; Theria;
Eutheria; Rodentia; Myomorpha; Muridae; Murinae.

REFERENCE 1 (bases 1 to 1505)

AUTHORS Lewis, M., Tartaglia, L.A., Lee, A.L., Bennett, G.L., Rice, G.C., Wong, G.H.W., Chen, E.Y. and Goeddel, D.V.

TITLE Cloning and expression of cDNAs for two distinct murine necrosis factor receptors demonstrate one receptor is species specific

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 88, 2830-2834 (1991)

MEDLINE 91187885

FEATURES Location/Qualifiers

source 1..1505
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 /sequenced_mol="cDNA to mRNA"

sig_peptide 41..106
 /codon_start=1

CDS 41..1465
 /codon_start=1
 /product="murine tumor necrosis factor receptor 2"
 /db_xref="PID:g199828"
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BASE COUNT 347 a 459 c 408 g 291 t
ORIGIN

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Best Local Similarity 64.1%; Pred. No. 8.43e+00;
Matches 50; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

Db 193 tcagatgtgctgtgctaagtgtcctcctggccaatatgtgaaacattctgcaacaagac 252
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Db      253 ctcggacaccgtgtgc 270
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Qy      171 GTGGAAGACCGTGTGCGC 188
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RESULT 13
LOCUS SCDNAFUS2 2492 bp DNA PLN 22-JAN-1996
DEFINITION *S.cerevisiae* fus2 gene.
ACCESSION X90752
NID g984194
KEYWORDS FUS2; fus2 gene.
SOURCE baker's yeast.
ORGANISM *Saccharomyces cerevisiae*
Eukaryotae; mitochondrial eukaryotes; Eumycota; Ascomycota;
Hemiascomycetes; *Saccharomycetales*; *Saccharomycetaceae*;
Saccharomyces.
REFERENCE 1 (bases 1 to 2492)

AUTHORS Elion, E.A., Trueheart, J. and Fink, G.R.
TITLE Fus2 localizes near the site of cell fusion and is required for
both cell fusion and nuclear alignment during zygote formation
JOURNAL J. Cell Biol. 130 (6), 1283-1296 (1995)
MEDLINE 96032260
REFERENCE 2 (bases 1 to 2492)
AUTHORS Elion, E.A.
TITLE Direct Submission
JOURNAL Submitted (11-AUG-1995) E.A. Elion, Harvard Medical School, Dept.
of Biological Chemistry and, Molecular Pharmacology, 240 Longwood
Avenue, Boston MA 02115, USA

46 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s ((tumour? or tumor?) (w)necrosis factor) (3a) receptor?

| | | |
|------|------|-------------|
| 8 | FILE | AGRICOLA |
| 110 | FILE | AIDSLINE |
| 2 | FILE | ANABSTR |
| 15 | FILE | BIOBUSINESS |
| 1915 | FILE | BIOSIS |
| 83 | FILE | BIOTECHABS |
| 83 | FILE | BIOTECHDS |
| 41 | FILE | CABA |
| 1623 | FILE | CANCERLIT |

10 FILES SEARCHED...

| | | |
|------|------|---------|
| 1717 | FILE | CAPLUS |
| 18 | FILE | CEABA |
| 1 | FILE | CEN |
| 12 | FILE | CIN |
| 15 | FILE | CJACS |
| 58 | FILE | CONFSCI |
| 94 | FILE | DDFU |
| 249 | FILE | DGENE |
| 15 | FILE | DISSABS |
| 7 | FILE | DRUGNL |
| 100 | FILE | DRUGU |
| 40 | FILE | EMBAL |
| 1308 | FILE | EMBASE |

29 FILES SEARCHED

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1      FILE  FSTA
318    FILE  GENBANK
16     FILE  IFIPAT
30     FILE  JICST-EPLUS
466    FILE  LIFESCI
1564   FILE  MEDLINE
3      FILE  NTIS
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38 FILES SEARCHED

| | |
|------|----------------|
| 1 | FILE PHIC |
| 15 | FILE PHIN |
| 57 | FILE PROMT |
| 1098 | FILE SCISEARCH |
| 368 | FILE TOXLINE |

131 FILE TOXLIT
47 FILE USPATFULL

36 FILES HAVE ONE OR MORE ANSWERS, 46 FILES SEARCHED IN STNINDEX

L1 QUE ((TUMOUR? OR TUMOR?) (W) NECROSIS FACTOR) (3A) RECEPTOR?

=> s l1 and (clon? or cdna or dna or rna or mrna)

5 FILE AGRICOLA
34 FILE AIDSLINE
2 FILE BIOBUSINESS
401 FILE BIOSIS
66 FILE BIOTECHABS
66 FILE BIOTECHDS

8 FILES SEARCHED...

18 FILE CABA
502 FILE CANCERLIT

10 FILES SEARCHED...

519 FILE CAPLUS
8 FILE CEABA
4 FILE CIN
11 FILE CJACS
1 FILE CONFSCI
16 FILE DDFU
137 FILE DGENE

22 FILES SEARCHED...

5 FILE DISSABS
1 FILE DRUGNL
20 FILE DRUGU
8 FILE EMBAL
359 FILE EMBASE

29 FILES SEARCHED...

1 FILE FSTA
318 FILE GENBANK

31 FILES SEARCHED...

7 FILE IFIPAT
9 FILE JICST-EPLUS
137 FILE LIFESCI
489 FILE MEDLINE

37 FILES SEARCHED...

3 FILE NTIS
1 FILE PHIN
12 FILE PROMT
417 FILE SCISEARCH
106 FILE TOXLINE
54 FILE TOXLIT

45 FILES SEARCHED...

44 FILE USPATFULL

33 FILES HAVE ONE OR MORE ANSWERS, 46 FILES SEARCHED IN STNINDEX

L2 QUE L1 AND (CLON? OR CDNA OR DNA OR RNA OR MRNA)

=> FILE BIOSIS CAPLUS CANCERLIT EMBASE MEDLINE SCISEARCH
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| | 7.65 | 8.70 |

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=> S L2

L3 401 FILE BIOSIS
L4 519 FILE CAPLUS
L5 502 FILE CANCERLIT
L6 359 FILE EMBASE
L7 489 FILE MEDLINE
L8 417 FILE SCISEARCH

TOTAL FOR ALL FILES

L9 2687 L2

=> DUP REM L9

PROCESSING IS APPROXIMATELY 12% COMPLETE FOR L9
PROCESSING IS APPROXIMATELY 30% COMPLETE FOR L9
PROCESSING IS APPROXIMATELY 47% COMPLETE FOR L9
PROCESSING IS APPROXIMATELY 66% COMPLETE FOR L9
PROCESSING IS APPROXIMATELY 82% COMPLETE FOR L9
PROCESSING COMPLETED FOR L9
L10 1095 DUP REM L9 (1592 DUPLICATES REMOVED)

=> D 1080-1095

L10 ANSWER 1080 OF 1095 CAPLUS COPYRIGHT 1997 ACS DUPLICATE 542
AN 1987:421703 CAPLUS
DN 107:21703
TI Analysis of the signalling pathway of TNF in normal and tumor cells
AU Watanabe, Naoki; Neda, Hiroshi; Otsuka, Yoshiki; Sone, Hisao;
Yamauchi, Naofumi; Umetsu, Tomofumi; Niitsu, Yoshiro; Urushizaki,
Ichiro
CS Dep. Intern. Med., Sapporo Med. Coll., Sapporo, Japan
SO Gan to Kagaku Ryoho (1987), 14(3, Pt. 1), 611-17
CODEN: GTKRDX; ISSN: 0385-0684
DT Journal
LA Japanese

L10 ANSWER 1081 OF 1095 CANCERLIT
AN 87155357 CANCERLIT
TI ANALYSIS OF THE SIGNALLING PATHWAY OF TNF IN NORMAL CELLS AND TUMOR
CELLS.
AU Watanabe N; Neda H; Ohtsuka Y; Sone H; Yamauchi N; Umetsu T; Niitsu
Y; Urushizaki I

CS Dept. of Internal Medicine (Section 4), Sapporo Medical College,
Japan.
SO GAN TO KAGAKU RYOH [JAPANESE JOURNAL OF CANCER AND CHEMOTHERAPY],
(1987). 14 (3 Pt. 1), pp. 611-7.
Journal code: 6T8. ISSN: 0385-0684.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; Cancer Journals; L; Priority Journals
LA Japanese
OS MEDLINE 87155357
EM 8705

L10 ANSWER 1082 OF 1095 CANCERLIT DUPLICATE 543
AN 87290650 CANCERLIT
TI TUMOR NECROSIS FACTOR--RECENT ADVANCES] (85 Refs).
AU Tsujimoto M
SO TANPAKUSHITSU KAKUSAN KOSO. PROTEIN, NUCLEIC ACID, ENZYME, (1987).
Vol. 32, No. 5, pp. 386-95.
Journal code: Q7D. ISSN: 0039-9450.
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
FS MEDL; L
LA Japanese
OS MEDLINE 87290650
EM 8710

L10 ANSWER 1083 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1987:634501 CAPLUS
DN 107:234501
TI Characterization of a relationship between the T-lymphocyte derived
differentiation inducing factor (DIF) and lymphotoxin: a common
receptor system for DIF, lymphotoxin and tumor necrosis factor
downregulated by phorbol diesters
AU Gullberg, Urban; Lantz, Mikael; Nisson, Eva; Peetre, Christina;
Adolf, Gunter; Olsson, Inge
CS Dep. Med., Univ. Lund, Lund, S-221 85, Swed.
SO Eur. J. Haematol. (1987), 39(3), 241-51
CODEN: EJHAEC
DT Journal
LA English

L10 ANSWER 1084 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1987:494980 CAPLUS
DN 107:94980
TI Interactions of tumor necrosis factor, interferon and interleukin-1
in cell killing
AU Wallach, D.; Holtmann, H.; Hahn, T.; Israel, S.
CS Dep. Virol., Weizmann Inst. Sci., Rehovot, Israel
SO Biol. Interferon Syst., Proc. ISIR-TNO Meet. Interferon Syst.
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Schellekens, Huub. Publisher: Nijhoff, Dordrecht, Neth.
CODEN: 55WOAE
DT Conference
LA English

L10 ANSWER 1085 OF 1095 CANCERLIT DUPLICATE 544
AN 87165360 CANCERLIT
TI THE INHIBITION OF NEOPLASTIC CELL PROLIFERATION WITH HUMAN NATURAL
TUMOR NECROSIS FACTOR.

AU Nobuhara M; Kanazawa T; Ashida Y; Ogino H; Horisaki Y; Nakayama K;
Asami T; Iketani T; Noda K; Andoh S; et al
CS Research Laboratories for Cell Science, Mochida Pharmaceutical Co.
Ltd. Kita-ku, Tokyo.
SO JAPANESE JOURNAL OF CANCER RESEARCH, (1987). Vol. 78, No. 2, pp.
193-201.
Journal code: HBA. ISSN: 0910-5050.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; L; Priority Journals
LA English
OS MEDLINE 87165360
EM 8706

L10 ANSWER 1086 OF 1095 CANCERLIT DUPLICATE 545
AN 88224474 CANCERLIT
TI PHYSIOLOGICAL RESPONSES TO CACHECTIN.
AU Tracey K J; Lowry S F; Cerami A
CS Laboratory of Medical Biochemistry, Rockefeller University, New
York, NY 10021.
SO CIBA FOUNDATION SYMPOSIUM, (1987). Vol. 131, pp. 88-108.
Journal code: D7X. ISSN: 0300-5208.
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
FS MEDL; L; Priority Journals
LA English
OS MEDLINE 88224474
EM 8808

L10 ANSWER 1087 OF 1095 CANCERLIT DUPLICATE 546
AN 88224470 CANCERLIT
TI HUMAN TUMOUR NECROSIS FACTORS: STRUCTURE AND RECEPTOR INTERACTIONS.
AU Aggarwal B B; Aiyer R A; Pennica D; Gray P W; Goeddel D V
CS Department of Molecular Immunology and Developmental Biology,
Genentech, Inc., South San Francisco, California 94080.
SO CIBA FOUNDATION SYMPOSIUM, (1987). Vol. 131, pp. 39-51.
Journal code: D7X. ISSN: 0300-5208.
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
FS MEDL; L; Priority Journals
LA English
OS MEDLINE 88224470
EM 8808

L10 ANSWER 1088 OF 1095 BIOSIS COPYRIGHT 1997 BIOSISDUPLICATE 547
AN 86:281749 BIOSIS
DN BA82:25612
TI TUMOR NECROSIS FACTOR RECEPTORS
IN HELA CELLS AND THEIR REGULATION BY INTERFERON-GAMMA.
AU TSUJIMOTO M; VILCEK J
CS DEP. OF MICROBIOL., NEW YORK UNIV. MED. CENT., NEW YORK, NY 10016.
SO J BIOL CHEM 261 (12). 1986. 5384-5388. CODEN: JBCHA3 ISSN: 0021-9258
LA English

L10 ANSWER 1089 OF 1095 BIOSIS COPYRIGHT 1997 BIOSISDUPLICATE 548
AN 86:240930 BIOSIS
DN BA82:5434

TI INDUCTION OF THE SYNTHESIS OF TUMOR NECROSIS
FACTOR RECEPTORS BY INTERFERON-GAMMA.
AU RUGGIERO V; TAVERNIER J; FIERS W; BAGLIONI C
CS DEP. BIOLOGICAL SCI., STATE UNIV. NEW YORK AT ALBANY, ALBANY, NY
12222.
SO J IMMUNOL 136 (7). 1986. 2445-2450. CODEN: JOIMA3 ISSN: 0022-1767
LA English

L10 ANSWER 1090 OF 1095 CAPLUS COPYRIGHT 1997 ACS DUPLICATE 549
AN 1987:31184 CAPLUS
DN 106:31184
TI Effects of recombinant tumor necrosis factor on proliferation and
differentiation of leukemic and normal hemopoietic cells in vitro.
Relationship to cell surface receptor
AU Peetre, Christina; Gullberg, Urban; Nilsson, Eva; Olsson, Inge
CS Dep. Med., Univ. Lund, Lund, Swed.
SO J. Clin. Invest. (1986), 78(6), 1694-700
CODEN: JCINAO; ISSN: 0021-9738
DT Journal
LA English

L10 ANSWER 1091 OF 1095 CANCERLIT DUPLICATE 550
AN 87107678 CANCERLIT
TI NONCYTOCIDAL MECHANISMS OF ACTION OF TUMOR NECROSIS FACTOR-ALPHA ON
HUMAN TUMOR CELLS: ENHANCEMENT OF HLA GENE EXPRESSION SYNERGISTIC
WITH INTERFERON-GAMMA.
AU Scheurich P; Kronke M; Schluter C; Ucer U; Pfizenmaier K
CS Clinical Research Group Biological Regulation of the
Host-Tumor-Interaction Max Planck Society, University of Gottingen,
Federal Republic of Germany.
SO IMMUNOBIOLOGY, (1986). Vol. 172, No. 3-5, pp. 291-300.
Journal code: GH3. ISSN: 0171-2985.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; L; Priority Journals
LA English
OS MEDLINE 87107678
EM 8704

L10 ANSWER 1092 OF 1095 CANCERLIT DUPLICATE 551
AN 86249611 CANCERLIT
TI QUANTIFICATION AND CHARACTERIZATION OF HIGH-AFFINITY MEMBRANE
RECEPTORS FOR TUMOR NECROSIS
FACTOR ON HUMAN LEUKEMIC CELL LINES [PUBLISHED ERRATUM
APPEARS IN INT J CANCER 1986 DEC 15;38(6):929].
AU Scheurich P; Ucer U; Kronke M; Pfizenmaier K
CS Max-Planck-Society, Medical Clinic, University of Gottingen, Fed.
Rep. of Germany.
SO INTERNATIONAL JOURNAL OF CANCER, (1986). Vol. 38, No. 1, pp. 127-33.
Journal code: GQU. ISSN: 0020-7136.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; Cancer Journals; L; Priority Journals
LA English
OS MEDLINE 86249611
EM 8609

L10 ANSWER 1093 OF 1095 CAPLUS COPYRIGHT 1997 ACS DUPLICATE 552
AN 1986:459255 CAPLUS
DN 105:59255

TI Demonstration of membrane receptors for human natural and recombinant iodine-125-labeled tumor necrosis factor on HeLa cell clones and their role in tumor cell sensitivity
AU Lehmann, Volker; Droege, Wulf
CS Inst. Immunol. Genet., Dtsch. Krebsforschungszent., Heidelberg, D-6900, Fed. Rep. Ger.
SO Eur. J. Biochem. (1986), 158(1), 1-5
CODEN: EJBCAI; ISSN: 0014-2956
DT Journal
LA English

L10 ANSWER 1094 OF 1095 BIOSIS COPYRIGHT 1997 BIOSISDUPLICATE 553
AN 86:114765 BIOSIS
DN BA81:25181
TI CHARACTERIZATION OF SPECIFIC HIGH AFFINITY RECEPTORS FOR HUMAN TUMOR NECROSIS FACTOR ON MOUSE FIBROBLASTS.
AU HASS P E; HOTCHKISS A; MOHLER M; AGGARWAL B B
CS DEP. PROTEIN BIOCHEMISTRY, GENENTECH, INC., 460 POINT SAN BRUNO BOULEVARD, SOUTH SAN FRANCISCO, CA 94080.
SO J BIOL CHEM 260 (22). 1985. 12214-12218. CODEN: JBCHA3 ISSN: 0021-9258
LA English

L10 ANSWER 1095 OF 1095 CANCERLIT DUPLICATE 554
AN 86092209 CANCERLIT
TI CHARACTERIZATION OF RECEPTORS FOR HUMAN TUMOUR NECROSIS FACTOR AND THEIR REGULATION BY GAMMA-INTERFERON.
AU Aggarwal B B; Eessalu T E; Hass P E
CS Department of Protein Biochemistry, Genentech, Inc., South San Francisco, California 94080.
SO NATURE, (1985). Vol. 318, No. 6047, pp. 665-7.
Journal code: NSC. ISSN: 0028-0836.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; Cancer Journals; L; Priority Journals
LA English
OS MEDLINE 86092209
EM 8603

=> D 1-20

L10 ANSWER 1 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1997:56435 CAPLUS
TI Hepatitis C virus core protein interacts with the cytoplasmic tail
of lymphotoxin-.beta. receptor
AU Matsumoto, Masayuki; Hsieh, Tsai-Yuan; Zhu, Nongliao; Van Arsdale,
Todd; Hwang, Soon B.; Jeng, King-Song; Gorbelenya, Alexander E.; Lo,
Shi-Yen; Ou, Jing-Hsiung; et al.
CS Howard Hughes Medical Institute, University of Southern California;
Los Angeles, CA, 90033-1054, USA
SO J. Virol. (1997), 71(2), 1301-1309
CODEN: JOVIAM; ISSN: 0022-538X
DT Journal
LA English

L10 ANSWER 2 OF 1095 EMBASE COPYRIGHT 1997 ELSEVIER SCI. B.V.
AN 96373617 EMBASE
TI Epstein-Barr virus LMP1 induction of the epidermal growth factor
receptor is mediated through a TRAF signaling pathway distinct from
NF-.kappa.B activation.
AU Miller W.E.; Mosialos G.; Kieff E.; Raab-Traub N.
CS N. Raab-Traub, Dept. of Microbiology and Immunology, Lineberger
Comprehensive Can. Ctr., Univ. of North Carolina Sch. of Med.,
Chapel Hill, NC 27599, United States
SO Journal of Virology, (1997) 71/1 (586-594).
ISSN: 0022-538X CODEN: JOVIAM
CY United States
DT Journal
FS 004 Microbiology
LA English
SL English

L10 ANSWER 3 OF 1095 CAPLUS COPYRIGHT 1997 ACS DUPLICATE 1
AN 1996:759253 CAPLUS
DN 126:30168
TI Altered susceptibility to tumor necrosis factor alpha-induced
apoptosis of mouse cells expressing polyomavirus middle and small T
antigens
AU Bergqvist, Anders; Soederbaerg, Karin; Magnusson, Goeran
CS Dep. Med. Immunol. Microbiol., Uppsala Univ. Biomed. Cent., Uppsala,
S-751 23, Swed.
SO J. Virol. (1997), 71(1), 276-283
CODEN: JOVIAM; ISSN: 0022-538X
DT Journal
LA English

L10 ANSWER 4 OF 1095 CANCERLIT DUPLICATE 2
AN 96349296 CANCERLIT
TI Forging a path to cell death [news].
AU Barinaga M
SO SCIENCE, (1996). Vol. 273, No. 5276, pp. 735-7.
Journal code: UJ7. ISSN: 0036-8075.

DT News Announcement
FS MEDL; Cancer Journals; L; Priority Journals
LA English
OS MEDLINE 96349296
EM 9610

L10 ANSWER 5 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1996:756546 CAPLUS
DN 126:17804
TI Human antibodies derived from immunized xenomice
IN Kucherlapati, Raju; Jakobovits, Aya; Klapholz, Sue; Brenner, Daniel G.; Capon, Daniel J.
PA Cell Genesys, Inc., USA
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2
PI WO 9634096 A1 961031
DS W: AU, CA, FI, HU, JP, KR, NO, NZ
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
AI WO 95-US5500 950428
DT Patent
LA English

L10 ANSWER 6 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1997:261 CAPLUS
DN 126:30353
TI Human **tumor necrosis factor**
receptors, their splice variants and cDNA
sequences, and there diagnostic and therapeutic uses
IN Ni, Jian; Gentz, Reiner; Rosen, Craig A.
PA Human Genome Sciences, Inc., USA; Ni, Jian; Gentz, Reiner; Rosen, Craig A.
SO PCT Int. Appl., 73 pp.
CODEN: PIXXD2
PI WO 9634095 A1 961031
DS W: AU, CA, CN, JP, KR, MX, NZ, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
AI WO 95-US5058 950427
DT Patent
LA English

L10 ANSWER 7 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1997:2495 CAPLUS
DN 126:30350
TI Human antibodies derived from immunized xenomice
IN Kucherlapati, Raju; Jakobovits, Aya; Klapholz, Sue; Brenner, Daniel G.; Capon, Daniel J.
PA Cell Genesys, Inc., USA
SO PCT Int. Appl., 69 pp.
CODEN: PIXXD2
PI WO 9633735 A1 961031
DS W: AU, CA, HU, JP, KR, NO, NZ
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
AI WO 96-US5928 960429
PRAI US 95-430938 950427
DT Patent
LA English

L10 ANSWER 8 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1996:710547 CAPLUS
DN 125:321158
TI Molecular cloning and characterization of human
Fas-associating protein with a novel death domain (FADD) and its use
for diagnosis and treatment of apoptosis-associated disease
IN Dixit, Vishva M.; O'rourke, Karen
PA Regents of the University of Michigan, USA
SO PCT Int. Appl., 95 pp.
CODEN: PIXXD2
PI WO 9631603 A2 961010
DS W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI,
GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD,
MG, MN, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM,
TT, UA
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,
IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG
AI WO 96-US2857 960228
PRAI US 95-416379 950403
US 95-443982 950518
DT Patent
LA English

L10 ANSWER 9 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1996:659428 CAPLUS
DN 125:294769
TI Cloning and expression of human tumor
necrosis factor receptor cDNA,
identification of receptor agonists/antagonists, and treatment and
diagnosis of disease
IN Greene, John M.; Fleischmann, Robert D.
PA Human Genome Sciences, Inc., USA
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
PI WO 9628546 A1 960919
DS W: AU, CA, CN, JP, KR, MX, NZ, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
AI WO 95-US3216 950315
DT Patent
LA English

L10 ANSWER 10 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1996:401839 CAPLUS
DN 125:76369
TI Tumor necrosis factor receptor
death domain ligand proteins, cDNA sequences, and
inflammation inhibition
IN Lin, Lih-Ling; Chen, Jennifer; Schievella, Andrea R.; Graham, James
PA Genetics Institute, Inc., USA
SO PCT Int. Appl., 82 pp.
CODEN: PIXXD2
PI WO 9612735 A1 960502
DS W: AU, CA, JP, MX
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
AI WO 95-US12724 951012
PRAI US 94-327514 941019
US 95-494440 950619
US 95-533901 950926

DT Patent
LA English

L10 ANSWER 11 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1996:170903 CAPLUS
DN 124:222860
TI *Autographa californica* complete genome sequence
IN Bishop, David; Possee, Robert; Ayres, Martin
PA Natural Environment Research Council, UK
SO PCT Int. Appl., 221 pp.
CODEN: PIXXD2
PI WO 9601320 A2 960118
DS W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI,
GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD,
MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ,
TM, TT
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR,
IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG
AI WO 95-IB578 950630
PRAI GB 94-13420 940704
DT Patent
LA English

L10 ANSWER 12 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1996:637526 CAPLUS
DN 126:3445
TI Tumor necrosis factor 1-associated death domain protein and its
cDNA and method for identification of pharmaceuticals
IN Goeddel, David V.; Hsu, Hailing
PA Tularik, Inc., USA
SO U.S., 16 pp.
CODEN: USXXAM
PI US 5563039 A 961008
AI US 95-414625 950331
DT Patent
LA English

L10 ANSWER 13 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1997:6636 CAPLUS
DN 126:46127
TI Synergy between tumor necrosis factor .alpha. and interleukin
1.beta. in inducing transcriptional down-regulation of muscarinic M2
receptor gene expression. Involvement of protein kinase A and
ceramide pathways
AU Haddad, El-Bdaoui; Rousell, Jonathan; Lindsay, Mark A.; Barnes,
Peter J.
CS Natl. Heart Lung Inst., Imperial Coll. Sci., Technol., Med., London,
SW3 6LY, UK
SO J. Biol. Chem. (1996), 271(51), 32586-32592
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L10 ANSWER 14 OF 1095 CAPLUS COPYRIGHT 1997 ACS
AN 1996:478430 CAPLUS
DN 125:140229
TI In vivo exposure to NO₂ reduces TNF and IL-6 production by
endotoxin-stimulated alveolar macrophages

AU Erroi, Annalaura; Pagani, Paolo; Sironi, Marina; Salmona, Mario
CS Ist. Ricerche Farmacol., Milan, 20157, Italy
SO Am. J. Physiol. (1996), 271(1, Pt. 1), L132-L138
CODEN: AJPHAP; ISSN: 0002-9513
DT Journal
LA English

L10 ANSWER 15 OF 1095 BIOSIS COPYRIGHT 1997 BIOSIS DUPLICATE 3
AN 97:13431 BIOSIS

DN 99312634

TI Identification of TRAF6, a novel **tumor necrosis factor receptor**-associated factor protein that mediates signaling from an amino-terminal domain of the CD40 cytoplasmic region.

AU Ishida T; Mizushima S-I; Azuma S; Kobayashi N; Tojo T; Suzuki K; Aizawa S; Watanabe T; Mosialos G; Kieff E; Yamamoto T; Inoue J-I

CS Dep. Oncol., Inst. Med. Sci., Univ. Tokyo, 4-6-1 Shirokanedai, Minato-ku, Tokyo 108, Japan

SO Journal of Biological Chemistry 271 (46). 1996. 28745-28748. ISSN: 0021-9258

LA English

L10 ANSWER 16 OF 1095 SCISEARCH COPYRIGHT 1997 ISI (R)

AN 96:860056 SCISEARCH

GA The Genuine Article (R) Number: VU033

TI **Tumor necrosis factor**

receptors (Tnfr) in mouse fibroblasts deficient in Tnfr1 or Tnfr2 are signaling competent and activate the mitogen-activated protein kinase pathway with differential kinetics

AU Kalb A; Bluethmann H; Moore M W; Lesslauer W (Reprint)

CS HOFFMANN LA ROCHE AG, DEPT NERVOUS SYST DIS PRPN, CH-4070 BASEL, SWITZERLAND (Reprint); HOFFMANN LA ROCHE AG, DEPT NERVOUS SYST DIS PRPN, CH-4070 BASEL, SWITZERLAND; HOFFMANN LA ROCHE AG, DEPT GENE TECHNOL PRPG, CH-4070 BASEL, SWITZERLAND; GENENTECH INC, DEPT IMMUNOL, S SAN FRANCISCO, CA 94080

CYA SWITZERLAND; USA

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (8 NOV 1996) Vol. 271, No. 45, pp. 28097-28104.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.

ISSN: 0021-9258.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 75

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L10 ANSWER 17 OF 1095 CANCERLIT DUPLICATE 4

AN 96355475 CANCERLIT

TI Human **tumor necrosis factor** receptor p75/80 (CD120b) gene structure and promoter characterization.

AU Santee S M; Owen-Schaub L B

CS Department of Immunology, University of Texas, M. D. Anderson Cancer Center, Houston, Texas 77030, USA.

NC CA16672 (NCI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996). Vol. 271, No. 35, pp. 21151-9.

Journal code: HIV. ISSN: 0021-9258.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; Cancer Journals; L; Priority Journals
LA English
OS MEDLINE 296355475
EM 9611

L10 ANSWER 18 OF 1095 CANCERLIT DUPLICATE 5
AN 96355298 CANCERLIT
TI Anatomy of TRAF2. Distinct domains for nuclear factor-kappaB activation and association with tumor necrosis factor signaling proteins.
AU Takeuchi M; Rothe M; Goeddel D V
CS Yamanouchi Pharmaceutical Co. Ltd., Tsukuba, Ibaraki 305, Japan.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996). Vol. 271, No. 33, pp. 19935-42.
Journal code: HIV. ISSN: 0021-9258.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; Cancer Journals; L; Priority Journals
LA English
OS MEDLINE 296355298
EM 9611

L10 ANSWER 19 OF 1095 CAPLUS COPYRIGHT 1997 ACS DUPLICATE 6
AN 1996:458183 CAPLUS
DN 125:112470
TI Tumor necrosis factor .alpha. promotes nuclear localization of cytokine-inducible CCAAT/enhancer binding protein isoforms in hepatocytes
AU Yin, Ming; Yang, Shi Qui; Lin, Hui Zhi; Lane, M. Daniel; Chatterjee, Subroto; Diehl, Anna Mae
CS Dep. Med., Johns Hopkins Univ., Baltimore, MD, 21205, USA
SO J. Biol. Chem. (1996), 271(30), 17974-17978
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L10 ANSWER 20 OF 1095 CANCERLIT DUPLICATE 7
AN 96291920 CANCERLIT
TI Swapping between Fas and granulocyte colony-stimulating factor receptor.
AU Takahashi T; Tanaka M; Ogasawara J; Suda T; Murakami H; Nagata S
CS Osaka Bioscience Institute, 6-2-4 Furuendai, Suita, Japan.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996). Vol. 271, No. 29, pp. 17555-60.
Journal code: HIV. ISSN: 0021-9258.
DT Journal; Article; (JOURNAL ARTICLE)
FS MEDL; Cancer Journals; L; Priority Journals
LA English
OS MEDLINE 96291920
EM 9610

=> E GREENE J/AU

E1 3 GREENE INGRID M/AU
E2 1 GREENE IRWIN D/AU
E3 355 --> GREENE J/AU
E4 1 GREENE J 3D/AU
E5 148 GREENE J A/AU
E6 3 GREENE J A 3D/AU
E7 5 GREENE J A III/AU
E8 33 GREENE J A JR/AU
E9 1 GREENE J A L/AU
E10 81 GREENE J B/AU
E11 194 GREENE J C/AU
E12 1 GREENE J CHUCK/AU

=> E

E13 19 GREENE J D/AU
E14 17 GREENE J D W/AU
E15 574 GREENE J E/AU
E16 37 GREENE J F/AU
E17 47 GREENE J F JR/AU
E18 146 GREENE J G/AU
E19 21 GREENE J H/AU
E20 3 GREENE J H III/AU
E21 155 GREENE J J/AU
E22 1 GREENE J JERROLD/AU
E23 3 GREENE J JR/AU
E24 86 GREENE J L/AU

=> E

E25 7 GREENE J L JR/AU
E26 313 GREENE J M/AU
E27 94 GREENE J N/AU
E28 56 GREENE J P/AU
E29 88 GREENE J R/AU
E30 5 GREENE J R JR/AU
E31 18 GREENE J R T/AU
E32 37 GREENE J S/AU
E33 11 GREENE J T/AU
E34 162 GREENE J W/AU
E35 77 GREENE J W JR/AU
E36 35 GREENE J Y/AU

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E37 2 GREENE JACK B/AU
E38 1 GREENE JACK BRUCE/AU
E39 2 GREENE JACK E/AU
E40 1 GREENE JACK T/AU
E41 3 GREENE JACKIE M/AU
E42 2 GREENE JACQUELINE A/AU
E43 1 GREENE JACQUELINE Y/AU
E44 2 GREENE JAMES/AU
E45 2 GREENE JAMES A/AU
E46 1 GREENE JAMES A III/AU

E47 6 GREENE JAMES A JR/AU
E48 1 GREENE JAMES ALDEN/AU

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E49 1 GREENE JAMES C/AU
E50 2 GREENE JAMES CARSON/AU
E51 9 GREENE JAMES G/AU
E52 22 GREENE JAMES J/AU
E53 1 GREENE JAMES JOSEPH/AU
E54 9 GREENE JAMES M/AU
E55 11 GREENE JAMES MICHAEL/AU
E56 1 GREENE JAMES R/AU
E57 1 GREENE JAMES S/AU
E58 1 GREENE JAMES W/AU
E59 1 GREENE JANET L/AU
E60 25 GREENE JANICE L/AU

=> E

E61 3 GREENE JANICE LENORE/AU
E62 6 GREENE JAY S/AU
E63 1 GREENE JEFFERY D/AU
E64 2 GREENE JEFFREY/AU
E65 1 GREENE JEFFREY A/AU
E66 1 GREENE JEFFREY D/AU
E67 1 GREENE JEFFREY DAVID/AU
E68 2 GREENE JEFFREY M/AU
E69 2 GREENE JERRY M/AU
E70 1 GREENE JESSICA F/AU
E71 3 GREENE JOANNE/AU
E72 4 GREENE JOANNE L/AU

=> E

E73 2 GREENE JOE/AU
E74 2 GREENE JOE E/AU
E75 13 GREENE JOHN/AU
E76 1 GREENE JOHN B W/AU
E77 1 GREENE JOHN L/AU
E78 16 GREENE JOHN M/AU
E79 1 GREENE JOHN MICHAEL/AU
E80 9 GREENE JOHN P/AU
E81 3 GREENE JOHN R/AU
E82 3 GREENE JOHN W JR/AU
E83 1 GREENE JOHNSON W/AU
E84 1 GREENE JOHNSON WILLETTA/AU

=> S E3 OR E26 OR E75 OR E78-79

L11 141 FILE BIOSIS
L12 87 FILE CAPLUS
L13 16 FILE CANCERLIT
L14 71 FILE EMBASE
L15 115 FILE MEDLINE
L16 268 FILE SCISEARCH

TOTAL FOR ALL FILES

L17 698 "GREENE J"/AU OR "GREENE J M"/AU OR "GREENE JOHN"/AU OR ("
GREENE JOHN M"/AU OR "GREENE JOHN MICHAEL"/AU)

=> S L17 AND L2

L18 0 FILE BIOSIS
L19 1 FILE CAPLUS
L20 0 FILE CANCERLIT
L21 0 FILE EMBASE
L22 0 FILE MEDLINE
L23 0 FILE SCISEARCH

TOTAL FOR ALL FILES

L24 1 L17 AND L2

=> D

L24 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1997 ACS
AN 1996:659428 CAPLUS
DN 125:294769
TI Cloning and expression of human tumor
necrosis factor receptor cDNA,
identification of receptor agonists/antagonists, and treatment and
diagnosis of disease
IN Greene, John M.; Fleischmann, Robert D.
PA Human Genome Sciences, Inc., USA
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
PI WO 9628546 A1 960919
DS W: AU, CA, CN, JP, KR, MX, NZ, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
AI WO 95-US3216 950315
DT Patent
LA English

=> E FLEISCHMANN R/AU

E1 1 FLEISCHMANN PAVOL/AU
E2 1 FLEISCHMANN PETER/AU
E3 228 --> FLEISCHMANN R/AU
E4 12 FLEISCHMANN R A/AU
E5 1 FLEISCHMANN R C/AU
E6 93 FLEISCHMANN R D/AU
E7 6 FLEISCHMANN R JR/AU
E8 11 FLEISCHMANN R L/AU
E9 51 FLEISCHMANN R M/AU
E10 1 FLEISCHMANN R N/AU
E11 1 FLEISCHMANN R S/AU
E12 4 FLEISCHMANN R W/AU

=> E

E13 37 FLEISCHMANN ROBERT/AU
E14 24 FLEISCHMANN ROBERT D/AU
E15 1 FLEISCHMANN ROBERT DAVID/AU
E16 1 FLEISCHMANN ROY/AU
E17 17 FLEISCHMANN RUDOLF/AU
E18 1 FLEISCHMANN RUFOLF/AU
E19 1 FLEISCHMANN S/AU
E20 4 FLEISCHMANN S K/AU
E21 2 FLEISCHMANN S T/AU
E22 5 FLEISCHMANN SPERBER T/AU
E23 126 FLEISCHMANN T/AU
E24 1 FLEISCHMANN T B/AU

=> S E3 OR E6 OR E13-15
L25 74 FILE **BIOSIS**
L26 103 FILE CAPLUS
L27 16 FILE CANCERLIT
L28 49 FILE EMBASE
L29 49 FILE MEDLINE
L30 92 FILE SCISEARCH

TOTAL FOR ALL FILES

L31 383 "FLEISCHMANN R"/AU OR "FLEISCHMANN R D"/AU OR ("FLEISCHMAN
N ROBERT"/AU OR "FLEISCHMANN ROBERT D"/AU OR "FLEISCHMANN
ROBERT DAVID"/AU)

=> S L31 AND L2

L32 0 FILE BIOSIS
L33 1 FILE CAPLUS
L34 0 FILE CANCERLIT
L35 0 FILE EMBASE
L36 0 FILE MEDLINE
L37 0 FILE SCISEARCH

TOTAL FOR ALL FILES

L38 1 L31 AND L2

=> D

L38 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1997 ACS
AN 1996:659428 CAPLUS
DN 125:294769
TI Cloning and expression of human tumor
necrosis factor receptor cDNA,
identification of receptor agonists/antagonists, and treatment and
diagnosis of disease
IN Greene, John M.; Fleischmann, Robert D.
PA Human Genome Sciences, Inc., USA
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
PI WO 9628546 A1 960919
DS W: AU, CA, CN, JP, KR, MX, NZ, US
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
AI WO 95-US3216 950315
DT Patent
LA English

=> FILE WPIDS

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|----------------------|---------------------|------------------|
| FULL ESTIMATED COST | 94.60 | 103.30 |

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DERWENT WEEK FOR POLYMER INDEXING: 9701

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=> S L2

14493 TUMOUR?
1213 TUMOR?
1649 NECROSIS
58445 FACTOR
767 NECROSIS FACTOR
(NECROSIS (W) FACTOR)
14545 RECEPTOR?
38 ((TUMOUR? OR TUMOR?) (W) NECROSIS FACTOR) (3A) RECEPTOR?
5165 CLON?
2237 CDNA
18243 DNA
4211 RNA
1353 MRNA
L39 18 L1 AND (CLON? OR CDNA OR DNA OR RNA OR MRNA)

=> D 1-18

L39 ANSWER 1 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 97-043111 [04] WPIDS
DNC C97-013770
TI Controlling sialic acid amt. of glyco-protein(s) produced by
mammalian cell culture - by adding an alkanoic acid, such as sodium
butyrate, and maintaining the osmolality of the culture at 250-600
mOsm.
DC B04 D16
IN ETCHEVERRY, T; LESSLAUER, W; RICHTER, W; RYLL, T; SCHREITMULLER, T
PA (GETH) GENENTECH INC; (HOFF) HOFFMANN LA ROCHE & CO AG F
CYC 70
PI WO 9639488 A1 961212 (9704)* EN 34 pp C12N005-00
RW: AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA
PT SD SE SZ UG
W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE
HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN
ADT WO 9639488 A1 WO 96-US9284 960606
PRAI US 95-469348 950606
IC ICM C12N005-00
ICS C07K019-00

L39 ANSWER 2 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 96-497627 [49] WPIDS
DNC C96-155609
TI New nucleic acid encoding a human **tumour necrosis factor receptor** - useful for treatment of auto
immune diseases etc., in diagnosis and for drug screening.
DC B04 D16
IN GENTZ, R; NI, J; ROSEN, C A
PA (HUMA-N) HUMAN GENOME SCI INC
CYC 24
PI WO 9634095 A1 961031 (9649)* EN 73 pp C12N015-00
RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
W: AU CA CN JP KR MX NZ US
ADT WO 9634095 A1 WO 95-US5058 950427

PRAI WO 95-US5058 950427

IC ICM C12N015-00

ICS C07K014-00; C07K014-525; C12N005-00; C12N005-10; C12N015-09;
C12N015-11; C12N015-28; C12N015-63; C12P021-06

L39 ANSWER 3 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 96-402298 [40] WPIDS

DNC C96-126465

TI New cationic lipid(s) for improved intracellular delivery of
bioactive agents - useful as carriers for genetic material, genes,
oligo-nucleotide(s), RNA, DNA, hormones,
kinase(s), etc..

DC B04 D16

IN SHEN, D; UNGER, E C; WU, G

PA (IMAR-N) IMAR PHARM CORP

CYC 20

PI WO 9626179 A1 960829 (9640)* EN 133 pp C07C069-00

RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

W: AU CA CN JP

AU 9649138 A 960911 (9651) C07C069-00

ADT WO 9626179 A1 WO 96-US1474 960129; AU 9649138 A AU 96-49138 960129

FDT AU 9649138 A Based on WO 9626179

PRAI US 95-391938 950221

IC ICM C07C069-00

ICS A61K009-50; A61K038-00; A61K047-14; A61K047-16; A61K048-00;

C07C233-00; C12N015-64

L39 ANSWER 4 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 96-230551 [23] WPIDS

DNC C96-072874

TI TNF receptor death domain ligand proteins and inhibitors of ligand
binding - for prevention and treatment of pref. anti-inflammatory
conditions, e.g. auto-immune disease, graft versus host reaction
osteoporosis, etc..

DC B04 D16

IN CHEN, J; GRAHAM, J; LIN, L; SCHIEVELLA, A R

PA (GEMY) GENETICS INST INC

CYC 20

PI WO 9612735 A1 960502 (9623)* EN 83 pp C07K014-47

RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

W: AU CA JP MX

AU 9538261 A 960515 (9634) C07K014-47

ADT WO 9612735 A1 WO 95-US12724 951012; AU 9538261 A AU 95-38261 951012

FDT AU 9538261 A Based on WO 9612735

PRAI US 95-533901 950926; US 94-327514 941019; US 95-494440 950619

IC ICM C07K014-47

ICS C07K016-24

L39 ANSWER 5 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 96-049310 [05] WPIDS

DNC C96-016030

TI Tumour necrosis factor (TNF)
receptor-associated factors - involved in mediation of
biological activities of TNF and CD40 ligands.

DC B04 D16

IN GOEDDEL, D V; ROTHE, M

PA (GETH) GENENTECH INC

CYC 19

PI WO 9533051 A1 951207 (9605)* EN 118 pp C12N015-12
RW: AT BE CH DK ES FR GB GR IE IT LU MC NL SE
W: CA JP MX
ADT WO 9533051 A1 WO 95-US6639 950525
PRAI US 95-446915 950522; US 94-250858 940527; US 94-331394 941028
IC ICM C12N015-12
ICS C07K014-715; C07K016-18; C12N001-19; C12N005-12; C12N015-62;
C12N015-81; C12Q001-68

L39 ANSWER 6 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 96-010930 [01] WPIDS
DNN N96-009378 DNC C96-003501
TI TNF-NGF receptor superfamily intracellular domain-binding proteins - useful for modulating receptor function, e.g. for treating tumours or HIV-infected cells.
DC B04 D16 S03
IN BOLDIN, M; METT, I; VARFOLOMEEV, E; WALLACH, D
PA (WEIN-I) WEINWURZEL H; (YEDA) YEDA RES & DEV CO LTD
CYC 65
PI WO 9531544 A1 951123 (9601)* EN 96 pp C12N015-12
RW: AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE
SZ UG
W: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS
JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN
ZA 9503842 A 960327 (9619) 95 pp C12N000-00
AU 9525469 A 951205 (9620) C12N015-12
ADT WO 9531544 A1 WO 95-US5854 950511; ZA 9503842 A ZA 95-3842 950511;
AU 9525469 A AU 95-25469 950511
FDT AU 9525469 A Based on WO 9531544
PRAI IL 94-111125 941002; IL 94-109632 940511
IC ICM C12N000-00; C12N015-12
ICS A61K038-16; A61K039-395; A61K048-00; C07K014-435; C07K014-715;
C07K016-18; C07K016-28; C07K019-00; C12N001-19; C12N001-21;
C12N005-10; C12N015-62; C12N015-67; G01N033-53; G01N037-00

L39 ANSWER 7 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 96-010683 [01] WPIDS
DNC C96-003338
TI Promoter regions of the human p75 **tumour necrosis factor receptor** gene - and related transcription inhibitory region and sequence motifs, useful for inhibiting effects of TNF.
DC B04 D16
IN EHRHARDT, G; KEMPER, O; KUHNERT, P; WALLACH, D
PA (WEIN-I) WEINWURZEL H; (YEDA) YEDA RES & DEV CO LTD
CYC 22
PI WO 9531206 A1 951123 (9601)* EN 48 pp A61K031-70
RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
W: AU CA JP US VN
ZA 9503841 A 960327 (9619) 34 pp C12N000-00
AU 9525468 A 951205 (9620) A61K031-70
ADT WO 9531206 A1 WO 95-US5853 950511; ZA 9503841 A ZA 95-3841 950511;
AU 9525468 A AU 95-25468 950511
FDT AU 9525468 A Based on WO 9531206
PRAI IL 94-109633 940511
IC ICM A61K031-70; C12N000-00
ICS A61K038-00; C07H021-04; C07K001-18; C07K014-435; C12N015-11;

L39 ANSWER 8 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
 AN 95-194342 [26] WPIDS
 DNC C95-089955
 TI New protease capable of cleaving soluble **tumour necrosis factor (TNF) receptor** - from cell-bound TNF- receptor, useful for antagonising deleterious effects of TNF..
 DC B04 D16
 IN BATKIN, M; BRAKEBUSCH, C; VARFOLOMEEV, E; WALLACH, D; BRACKEBUSCH, C
 PA (YEDA) YEDA RES & DEV CO LTD; (WALL-I) WALLACH D
 CYC 21
 PI AU 9475742 A 950504 (9526)* EN 40 pp C12N009-50
 CA 2133872 A 950413 (9528) C12N015-57
 EP 657536 A1 950614 (9528) EN C12N015-57
 R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
 JP 07194376 A 950801 (9539) 19 pp C12N009-48
 ZA 9407962 A 960131 (9610) 38 pp C12N000-00
 ADT AU 9475742 A AU 94-75742 941011; CA 2133872 A CA 94-2133872 941007;
 EP 657536 A1 EP 94-116018 941011; JP 07194376 A JP 94-274532 941012;
 ZA 9407962 A ZA 94-7962 941012
 PRAI IL 93-107268 931012
 IC ICM C12N000-00; C12N009-48; C12N009-50; C12N015-57
 ICS A61K037-02; A61K037-54; A61K037-66; A61K038-46; A61K038-48;
 A61K038-55; A61K039-395; C07H021-04; C07K007-06; C07K007-08;
 C07K014-415; C07K015-12; C07K016-40; C12N001-21; C12N005-10;
 C12N009-64; C12N009-99; C12N015-09; C12P021-08

L39 ANSWER 9 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
 AN 95-148673 [20] WPIDS
 DNC C95-068912
 TI **Tumour necrosis factor (TNF) receptor** ligand - used to increase inhibitory effect of a soluble TNF receptor.
 DC B04 D16
 IN BELETSKY, I; BIGDA, J; METT, I; WALLACH, D
 PA (YEDA) YEDA RES & DEV CO LTD; (WALL-I) WALLACH D
 CYC 21
 PI EP 648783 A1 950419 (9520)* EN 18 pp C07K016-28
 R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
 AU 9475743 A 950504 (9526) C07K015-12
 CA 2133873 A 950413 (9528) C12N015-28
 ZA 9407961 A 950726 (9536) 32 pp C12N000-00
 JP 07188298 A 950725 (9538) 16 pp C07K014-715
 ADT EP 648783 A1 EP 94-116015 941011; AU 9475743 A AU 94-75743 941011;
 CA 2133873 A CA 94-2133873 941007; ZA 9407961 A ZA 94-7961 941012;
 JP 07188298 A JP 94-274531 941012
 PRAI IL 93-107267 931012
 IC ICM C07K014-715; C07K015-12; C07K016-28; C12N015-28
 ICS A61K037-66; A61K039-395; C07H021-04; C07K015-26; C07K015-28;
 C12N005-10; C12N015-09; C12N015-12; C12N015-13; C12N015-18;
 C12N015-62; C12P021-08; C12Q001-68

L39 ANSWER 10 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
 AN 94-226810 [28] WPIDS
 DNC C94-103870
 TI Promoter sequence of the p55 TNF receptor - is used to diagnose

mutations in the promoter region which contribute to pathology of diseases.

DC B04 D16
IN KEMPER, O; WALLACH, D
PA (YEDA) YEDA RES & DEV CO LTD; (WALL-I) WALLACH D
CYC 21
PI EP 606869 A1 940720 (9428)* EN 14 pp C12N015-85
R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
AU 9453079 A 940714 (9432) C12N015-12
CA 2113023 A 940711 (9435) C12N015-11
ZA 9400129 A 941026 (9444) 37 pp C12N000-00
JP 07046987 A 950221 (9517) 15 pp C12N015-09
ADT EP 606869 A1 EP 94-100243 940110; AU 9453079 A AU 94-53079 940107;
CA 2113023 A CA 94-2113023 940107; ZA 9400129 A ZA 94-129 940110; JP
07046987 A JP 94-23025 940110
PRAI IL 93-104355 930110
IC ICM C12N015-09; C12N015-11; C12N015-12; C12N015-85
ICS A61K031-505; A61K031-70; A61K037-02; A61K038-00; C12N015-64;
C12Q001-68

L39 ANSWER 11 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 93-353057 [45] WPIDS
DNC C93-156644
TI Modulating activity of **tumour necrosis factor receptor** - using peptide(s), antibodies, etc. which interact with critical regions of receptor or effector protein, for controlling auto-immune disease, septic shock, etc..
DC B04 D16
IN BRAKEBUSCH, C; WALLACH, D
PA (YEDA) YEDA RES & DEV CO LTD
CYC 18
PI EP 568925 A2 931110 (9345)* EN 17 pp C12N015-12
R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
JP 06233684 A 940823 (9438) 26 pp C12N015-28
EP 568925 A3 950315 (9542) C12N015-12
ADT EP 568925 A2 EP 93-106981 930429; JP 06233684 A JP 93-138841 930430;
EP 568925 A3 EP 93-106981 930429
PRAI IL 92-101769 920503
IC ICM C12N015-12; C12N015-28
ICS A61K037-02; A61K037-54; A61K039-395; C12N001-00; C12P021-08

L39 ANSWER 12 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 93-336592 [42] WPIDS
DNC C93-148874
TI New fusion protein tumour necrosis factor and human interleukin-1 receptor - useful in therapy, diagnosis and assays of e.g. rheumatoid arthritis, diabetes, cerebral malaria, sepsis, etc..
DC B04 D16
IN SMITH, C A
PA (IMMV) IMMUNEX CORP
CYC 24
PI WO 9319777 A1 931014 (9342)* EN 85 pp A61K037-66
RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
W: AU CA FI JP KR NO NZ
AU 9339702 A 931108 (9408) A61K037-66
NO 9403617 A 941129 (9506) C07K013-00
FI 9404516 A 941122 (9508) C07K000-00
EP 670730 A1 950913 (9541) EN A61K037-66

| | R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE |
|--|--|
| JP 07508639 W | 928 (9547) 28 pp C12P021-02 |
| NZ 251820 A | 960726 (9635) C07K019-00 |
| NZ 280051 A | 960726 (9635) C07K014-705 |
| AU 671116 B | 960815 (9641) C12N015-62 |
| ADT WO 9319777 A1 | WO 93-US2938 930326; AU 9339702 A AU 93-39702 930326; |
| NO 9403617 A | WO 93-US2938 930326, NO 94-3617 940929; FI 9404516 A WO |
| 93-US2938 930326, FI 94-4516 940929; EP 670730 A1 EP 93-909201 | 930326, WO 93-US2938 930326; JP 07508639 W JP 93-517614 930326, WO |
| 930326; NZ 251820 A | NZ 93-251820 930326, WO 93-US2938 930326; NZ 280051 A NZ 93-280051 930326; AU 671116 B AU 93-39702 |
| 930326; NZ 280051 A | NZ 93-280051 930326; AU 671116 B AU 93-39702 |
| FDT AU 9339702 A | Based on WO 9319777; EP 670730 A1 Based on WO 9319777; |
| JP 07508639 W | Based on WO 9319777; NZ 251820 A Based on WO 9319777; |
| NZ 280051 A | Div ex NZ 251820; AU 671116 B Previous Publ. AU 9339702, Based on WO 9319777 |
| PRAI US 92-860710 920330 | |
| IC ICM A61K037-66; C07K000-00; C07K013-00; C07K014-705; C07K019-00; C12N015-62; C12P021-02 | |
| ICS A61K037-02; A61K038-00; A61K038-02; A61K038-21; C07H021-04; C12N015-12; C12N015-25; C12N015-28; C12N015-70; C12N015-79; C12P021-04 | |

| | | | |
|-----|---|--|--|
| L39 | ANSWER 13 OF 18 | WPIDS | COPYRIGHT 1997 DERWENT INFORMATION LTD |
| AN | 93-313109 [40] | WPIDS | |
| DNC | C93-139104 | | |
| TI | New human Tumour Necrosis Factor mutein(s) - have amino acid change at position 86, for selective binding affinity to the P55-TNF-Receptor. | | |
| DC | B04 D16 | | |
| IN | LESSLAUER, W; LOTSCHER, H; STUBER, D; LOETSCHER, H; STUEBER, D | | |
| PA | (HOFF) HOFFMANN LA ROCHE & CO AG F; (HOFF) HOFFMANN LA ROCHE INC | | |
| CYC | 31 | | |
| PI | EP 563714 A2 931006 (9340)* | EN 29 pp | C12N015-28 |
| | R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE | | |
| BR | 9301420 A 931005 (9344) | | C07K007-04 |
| AU | 9335611 A 931007 (9346) | | C12N015-28 |
| NO | 9301141 A 931004 (9348) | | C07K013-00 |
| FI | 9301488 A 931003 (9351) | | C12N015-19 |
| CA | 2091313 A 931003 (9401) | | C12N015-28 |
| ZA | 9302177 A 931229 (9406) | 29 pp | A61K000-00 |
| CZ | 9203764 A3 940119 (9410) | | C12P021-02 |
| EP | 563714 A3 931110 (9512) | | C12N015-28 |
| CN | 1079225 A 931208 (9513) | | C07K007-10 |
| AU | 659927 B 950601 (9530) | | C12N015-28 |
| SK | 9203764 A3 950607 (9532) | | C12N015-70 |
| HU | 69790 T 950928 (9546) | | C12N015-28 |
| JP | 07285997 A 951031 (9601) | 25 pp | C07K014-525 |
| TW | 260707 A 951021 (9602) | | C12N015-28 |
| NZ | 247265 A 951026 (9604) | | C07K014-525 |
| US | 5486463 A 960123 (9610) | 37 pp | C12P021-06 |
| ADT | EP 563714 A2 EP 93-104591 930320; BR 9301420 A | BR 93-1420 930402; AU 9335611 A AU 93-35611 930330; NO 9301141 A NO 93-1141 930326; FI 9301488 A FI 93-1488 930401; CA 2091313 A CA 93-2091313 930309; ZA 9302177 A ZA 93-2177 930326; CZ 9203764 A3 CS 92-3764 921218; EP 563714 A3 EP 93-104591 930320; CN 1079225 A CN 93-103419 930401; AU 659927 B AU 93-35611 930330; SK 9203764 A3 CS 92-3764 921218; HU 69790 T HU 93-843 930324; JP 07285997 A JP 93-75445 930401; TW | |

260707 A TW 93-101370 930225; NZ 247265 A NZ 93-247265 930326; US
5486463 A US 93-10148 930401

FDT AU 659927 B Previous Publ. AU 9335611

PRAI EP 92-810249 920402

IC ICM A61K000-00; C07K007-04; C07K007-10; C07K013-00; C07K014-525;
C12N015-19; C12N015-28; C12N015-70; C12P021-02; C12P021-06

ICS A61K037-02; A61K037-66; A61K038-00; A61K038-02; C07C000-00;
C07H017-00; C07K003-18; C07K014-00; C07K015-06; C07K015-26;
C12N001-15; C12N001-20; C12N001-21; C12N015-00; C12N015-09;
C12N015-12; C12N015-63; C12N015-79; C12P021-00

ICI C12N001-21, C12R001:19; C12P021-02, C12R001:

L39 ANSWER 14 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 93-046853 [06] WPIDS
DNC C93-021094

TI Multimers of soluble forms of **tumour necrosis factor receptors** - useful in liposome pharmaceuticals compsn. used to treat conditions due to excess TNF e.g. septic shock, cachexia, graft versus host reaction and auto-immune diseases.

DC B04 D16

IN BRAKEBUSCH, C; WALLACH, D

PA (YEDA) YEDA RES & DEV CO LTD; (WALL-I) WALLACH D

CYC 22

PI EP 526905 A2 930210 (9306)* EN 16 pp C12N015-12
R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
AU 9220909 A 930211 (9313) C07K015-06
CA 2075358 A 930208 (9317) C12N015-28
ZA 9205904 A 930526 (9327) 34 pp C12N000-00
EP 526905 A3 930505 (9402) C12N015-12
JP 07145068 A 950606 (9531) 12 pp A61K038-00
AU 661008 B 950713 (9535) C07K015-06
US 5478925 A 951226 (9606) 13 pp C07K014-525

ADT EP 526905 A2 EP 92-113463 920807; AU 9220909 A AU 92-20909 920807;
CA 2075358 A CA 92-2075358 920805; ZA 9205904 A ZA 92-5904 920806;
EP 526905 A3 EP 92-113463 920807; JP 07145068 A JP 92-253423 920807;
AU 661008 B AU 92-20909 920807; US 5478925 A US 92-925687 920807

FDT AU 661008 B Previous Publ. AU 9220909

PRAI IL 91-99120 910807

IC ICM A61K038-00; C07K014-525; C07K015-06; C12N000-00; C12N015-12;
C12N015-28

ICS A61K009-127; A61K009-50; A61K037-02; A61K037-66; A61K045-00;
C07K014-705; C07K015-00; C07K015-26; C12N005-10; C12N015-09;
C12N015-62; C12P021-02; C12P021-08

ICI C12P021-02, C12R001:

L39 ANSWER 15 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 91-186774 [26] WPIDS
DNC C91-080814

TI Recombinant tumour necrosis factor binding protein I - prep. by transfecting eukaryotic cells with vector contg. deoxyribonucleic acid encoding human type I TNF receptor or soluble domain.

DC B04 D16

IN ADERKA, D; BRAKEBUSCH, C; ENGELMANN, H; KEMPER, O; NOPHAR, Y;
WALLACH, D

PA (WALL-I) WALLACH D; (YEDA) YEDA RES & DEV CO LTD

CYC 19

PI EP 433900 A 910626 (9126)*

R: AT BE CH DE ES FR GB GR IT LI LU NL SE
AU 9068037 A 910320 (9132)
CA 2032191 A 910614 (9134)
ZA 9010036 A 911030 (9149)
JP 04299989 A 921023 (9249) 35 pp C12P021-02
JP 05078396 A 930330 (9317) 21 pp C07K013-00
AU 642938 B 931104 (9351) C07K013-00
EP 433900 B1 950920 (9542) EN 30 pp C12N015-12
R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
DE 69022559 E 951026 (9548) C12N015-12
ES 2080098 T3 960201 (9612) C12N015-12
IL 92697 A 960331 (9622) C12N015-19
ADT EP 433900 A EP 90-124133 901213; ZA 9010036 A ZA 90-10036 901213; JP 04299989 A JP 90-419119 901226; JP 05078396 A JP 90-419240 901213; AU 642938 B AU 90-68037 901213; EP 433900 B1 EP 90-124133 901213; DE 69022559 E DE 90-622559 901213, EP 90-124133 901213; ES 2080098 T3 EP 90-124133 901213; IL 92697 A IL 89-92697 891213
FDT AU 642938 B Previous Publ. AU 9068037; DE 69022559 E Based on EP 433900; ES 2080098 T3 Based on EP 433900
PRAI IL 89-92697 891213; IL 90-95064 900712
IC ICM C07K013-00; C12N015-19; C12P021-02
ICS C07K014-00; C07K014-52; C07K015-06; C12N005-10; C12N015-28; C12N015-79
ICA C12N015-12
ICI C12P021-02; C12P021-

L39 ANSWER 16 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 91-082230 [12] WPIDS
DNN N91-063527 DNC C91-034986
TI New **tumour necrosis factor -alpha and -beta receptors** - and DNA encoding these used to regulate immune responses in treatment of cachexia, septic shock or side-effects of cytokine therapy.
DC B04 D16 S03
IN BECKMANN, P M; GOODWIN, R G; SMITH, C A; BECKMANN, M P
PA (IMMV) IMMUNEX CORP
CYC 24
PI EP 418014 A 910320 (9112)*
R: AT BE CH DE ES FR GB GR IT LI LU NL SE
WO 9103553 A 910321 (9114)
W: AU CA FI KR NO
AU 9061781 A 910408 (9127)
JP 03133382 A 910606 (9129) #
ZA 9007072 A 911030 (9148) #
FI 9200946 A 920303 (9223) C07K
DD 297664 A5 920116 (9224) C12N015-28
NO 9200862 A 920504 (9230) C12N015-12
US 5395760 A 950307 (9515) 22 pp A61K045-05
IE 63505 B 950503 (9526) C12N015-12
EP 418014 B1 951220 (9604) EN 36 pp C12N015-12
R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
DE 69024291 E 960201 (9610) C12N015-12
ES 2080809 T3 960216 (9614) C12N015-12
ADT EP 418014 A EP 90-309875 900910; JP 03133382 A JP 90-235502 900905; ZA 9007072 A ZA 90-7072 900905; FI 9200946 A WO 90-US4001 900717, FI 92-946 920303; DD 297664 A5 DD 90-343823 900905; NO 9200862 A WO 90-US4001 900717, NO 92-862 920304; US 5395760 A CIP of US 89-403241 890905, CIP of US 89-405370 890911, CIP of US 89-421417 891013, US

90-523635 900510; IE 63505 B IE 90-3211 900904; EP 418014 B1 EP
90-309875 900910; [REDACTED] 69024291 E DE 90-624291 900910 EP 90-309875
900910; ES 2080809 T3 EP 90-309875 900910
FDT DE 69024291 E Based on EP 418014; ES 2080809 T3 Based on EP 418014
PRAI US 89-405370 890911; US 89-421417 891013; US 90-523635 900510;
US 89-403241 890905
IC ICM A61K045-05; C07K232-06; C12N015-12; C12N015-28
ICS A61K037-02; C07H017-00; C07K013-00; C07K015-28; C12N015-00;
C12N015-63; C12P021-02; C12P021-06; C12P021-08; G01N023-16;
G01N033-68; G01N033-86

L39 ANSWER 17 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 90-321987 [43] WPIDS
DNC C90-139388
TI DNA encoding TNF binding protein and TNF- receptor - used
in tumour treatment and to understand mechanisms to TNF action.
DC B04 D16
IN HAUPTMANN, R; HIMMLER, A; MAURERFOGY, I; STRATOWA, C
PA (BOEH) BOEHRINGER INGELHEIM INT GMBH; (SYND) SYNERGEN INC
CYC 14
PI EP 393438 A 901024 (9043)*
R: AT BE CH DE ES FR GB GR IT LI LU NL SE
DE 3913101 A 901031 (9045)
DE 3920282 A 910103 (9102)
JP 03164179 A 910716 (9134)
ADT EP 393438 A EP 90-106624 900406; DE 3913101 A DE 89-3913101 890421;
DE 3920282 A DE 89-3920282 890621; JP 03164179 A JP 90-105102 900420
PRAI DE 89-3913101 890421; DE 89-3920282 890621
IC A61K037-02; C07H021-04; C07K013-00; C12N001-20; C12N005-10;
C12N015-12; C12P019-34; C12P021-02

L39 ANSWER 18 OF 18 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD
AN 90-232892 [31] WPIDS
CR 90-134096 [18]
DNC C90-100531
TI Expression vectors for producing chimeric monoclonal antibodies -
which express human constant region and non-human variable region.
DC B04 D16
IN ZERIER, B R; ZERLER, B
PA (MOLE-N) MOLECULAR THERAPEUTICS INC; (MILE) MILES INC; (MOLE-N)
MOLECULAR THERAPEU
CYC 19
PI EP 380068 A 900801 (9031)*
R: AT BE CH DE ES FR GB GR IT LI LU NL SE
AU 9048766 A 900802 (9038)
CA 2008259 A 900724 (9041)
PT 92900 A 900731 (9041)
JP 02295487 A 901206 (9104)
EP 380068 B1 920930 (9240) EN 24 pp C12N015-85
R: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
DE 69000338 E 921105 (9246) C12N015-85
AU 641907 B 931007 (9346) C12N015-13
ES 2052077 T3 940701 (9429) C12N015-85
ADT EP 380068 A EP 90-101351 900124; JP 02295487 A JP 90-14743 900124;
EP 380068 B1 EP 90-101351 900124; DE 69000338 E DE 90-600338 900124,
EP 90-101351 900124; AU 641907 B AU 90-48766 900124; ES 2052077 T3
EP 90-101351 900124
FDT DE 69000338 E Based on EP 380068; AU 641907 B Previous Publ. AU

9048766; ES 2052077 T3 Based on EP 380068
PRAI US 89-301216 890 [REDACTED]; US 89-441702 891204
IC ICM C12N015-13; C12N015-85
ICS C07K015-28; C12N005-12; C12P021-08; C12R001-91

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E1 1 GREENE I D/AU
E2 1 GREENE I R/AU
E3 7 --> GREENE J/AU
E4 4 GREENE J A/AU
E5 1 GREENE J C/AU
E6 2 GREENE J D/AU
E7 3 GREENE J F/AU
E8 3 GREENE J H/AU
E9 1 GREENE J K/AU
E10 14 GREENE J L/AU
E11 24 GREENE J M/AU
E12 1 GREENE J P/AU

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E14 7 GREENE J S/AU
E15 5 GREENE J T/AU
E16 11 GREENE J W/AU
E17 1 GREENE K/AU
E18 3 GREENE K C/AU
E19 2 GREENE K H/AU
E20 1 GREENE K J/AU
E21 1 GREENE K L/AU
E22 3 GREENE K M/AU
E23 2 GREENE K R/AU
E24 3 GREENE L/AU

=> S E3 AND E11
7 "GREENE J"/AU
24 "GREENE J M"/AU
L40 0 "GREENE J"/AU AND "GREENE J M"/AU

=> S E3 OR E11
7 "GREENE J"/AU
24 "GREENE J M"/AU
L41 31 "GREENE J"/AU OR "GREENE J M"/AU

=> S L41 AND L2
14493 TUMOUR?
1213 TUMOR?
1649 NECROSIS
58445 FACTOR
767 NECROSIS FACTOR
(NECROSIS (W) FACTOR)
14545 RECEPTOR?
38 ((TUMOUR? OR TUMOR?) (W) NECROSIS FACTOR) (3A) RECEPTOR?
5165 CLON?
2237 CDNA
18243 DNA
4211 RNA
1353 MRNA
L42 0 L41 AND L2

RESULT 12
 LOCUS MUSMTNFR2 1505 bp mRNA ROD 18-APR-1991
 DEFINITION Mouse tumor necrosis factor receptor 2 mRNA, complete cds.
 ACCESSION M60469
 NID g199827
 KEYWORDS transmembrane protein; tumor necrosis factor receptor.
 SOURCE Mouse adult macrophage, cDNA to mRNA.
 ORGANISM Mus musculus
 Eukaryota; Animalia; Chordata; Vertebrata; Mammalia; Theria;
 Eutheria; Rodentia; Myomorpha; Muridae; Murinae.
 REFERENCE 1 (bases 1 to 1505)
 AUTHORS Lewis, M., Tartaglia, L.A., Lee, A.L., Bennett, G.L., Rice, G.C.,
 Wong, G.H.W., Chen, E.Y. and Goeddel, D.V.
 TITLE Cloning and expression of cDNAs for two distinct murine necrosis
 factor receptors demonstrate one receptor is species specific
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 88, 2830-2834 (1991)
 MEDLINE 91187885
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 /product="murine tumor necrosis factor receptor 2"
 /db_xref="PID:g199828"
 /translation="MAPAALWVALVLFELQLWATGHTVPAQVVLTPYKPEPGYECQISQ
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 TDQVEIRACTKQQNRVCACEAGRYCALKTHSGSCRQCMRLSKCGPGFGVASSRAPNGN
 VLCKACAPGTFSDTTSTDVCRPHRICSLIAIPGNASTDAVCAPESPTLSAIPRTLYV
 SQPEPTRSQPLDQEPEGPSQTPSILTSLGSTPIIEQSTKGGISLPIGLIVGVTSLGLM
 LGLVNCIIILVQRKKKPSCLQRDAKVPHPDEKSQDAVGLEQQHLLTAPSSSSSLES
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 SDHSSQCSSQASATVGDPDAKPSASKDEQVPDFSQEECPSPCETTETLQSHEKPLP
 LGVPDMGMKPSQAGWFDQIAVKVA"
 BASE COUNT 347 a 459 c 408 g 291 t
 ORIGIN
 Query Match 1.9%; Score 22; DB 67; Length 1505;
 Best Local Similarity 64.1%; Pred. No. 8.43e+00;
 Matches 50; Conservative 0; Mismatches 28; Indels 0; Gaps 0;
 Ref. DNA Db 193 tcagatgtgctgtgctaagtgtcctcctggccaatatgtgaaacatttctgcaacaagac 252
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 (Seq ID no. 1) Qy 111 TCAGCTGTTGTGTGACAAATGTCCTCCTGGTACCTACCTAAAACAACACTGTACAGCAAA 170
 Db 253 ctcggacaccgtgtgc 270
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 Qy 171 GTGGAAGACCGTGTGCGC 188